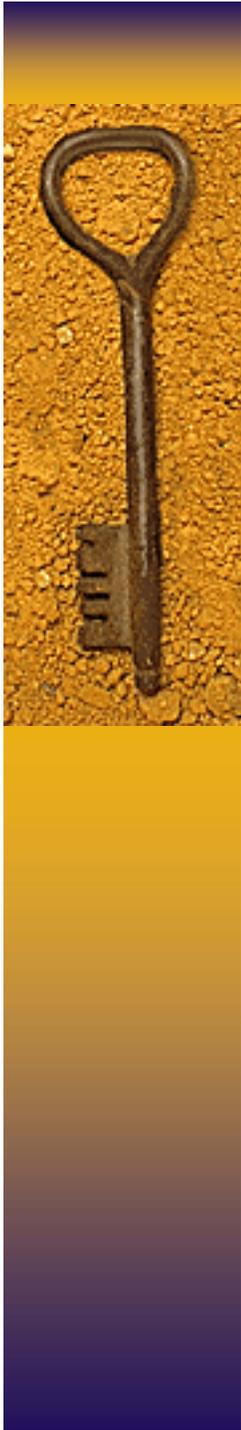




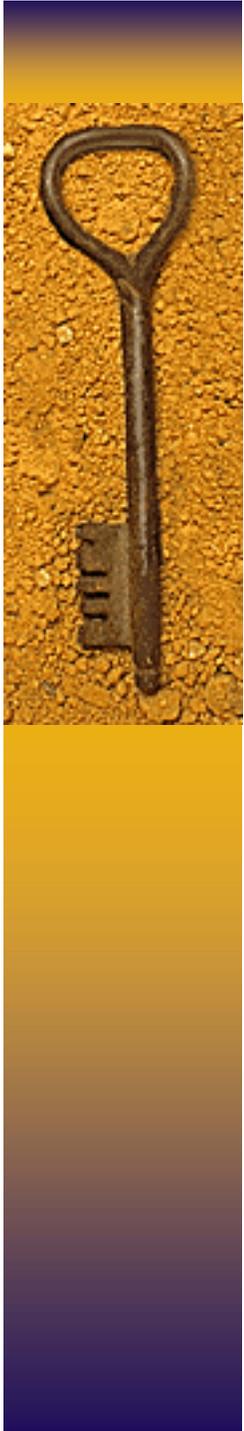
# The Offender Reentry Mapping Initiative

Erin Dalton  
March, 2007



## Reentry Mapping Initiative

- ◆ Funders in Criminal Justice
- ◆ Allegheny County Department of Human Services
- ◆ Corrections Partners
- ◆ Criminal Justice Advisory Board



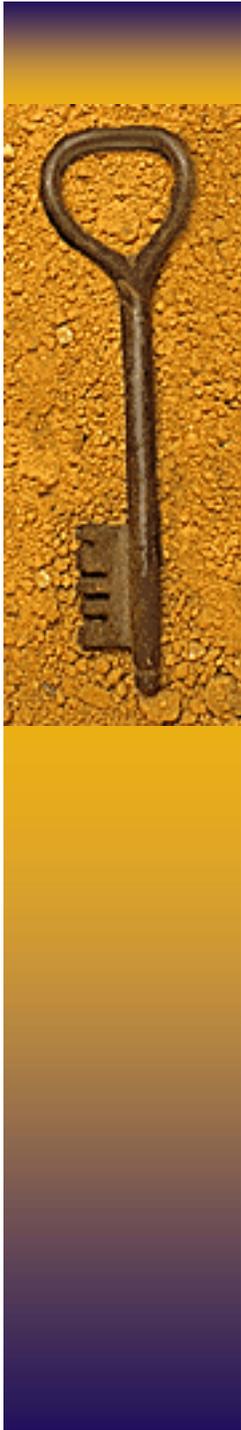
## Presentation Outline

- ◆ The Issue
- ◆ Maps: one helpful piece of the analysis
- ◆ Data to Action



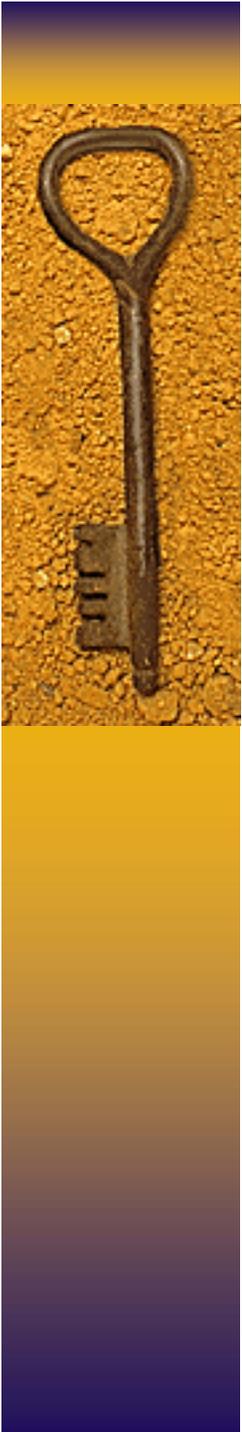
## The Issue

- ◆ Nationally:
  - 1.5 million in state and federal prison
  - Between 1970 and 2005 increased by 628%.
- ◆ State
  - 40% increase in inmates received; 60% increase in population
  - 9<sup>th</sup> largest; 353/100,000 incarceration rate
- ◆ Locally (Allegheny County):
  - 2<sup>nd</sup> most commitments to state prison
  - 24,000 booking to the jail
- ◆ Women:
  - Between 1977 and 2004, PA female prison population grew by 763%
  - Locally, admissions to the Jail have grown 27%, but for female offenders, bookings have grown 44%.
- ◆ More in = more out: 95% of all State prisoners will be released from prison at some point
- ◆ Over 600,000 offenders were released from State prison last year, a 46% increase over 1990



## Key Questions

1. Who's returning (demographic, offense, jail/prison stay information)?
2. What are the needs of returning offenders (job, education, ID, housing, addiction, mental health treatment, medical insurance)?
3. What is DHS's involvement with inmate/family?
4. Where do inmates come from and go to?
5. Where are inmates' families and children?
6. Where are community & government services?



# Data

Agency	Data Set
Department of Corrections	2002 Releases
	Serving on 10/1/2004
	2002-2004 Releases
Department of Human Services	Client Data
	Treatment Facility Locations
City of Pittsburgh Police	Incident Data by Census Tract
	Homicide & Shooting Data by address
Bureau of Parole & Probation	Released to Parole 2003-2005
Allegheny County Bureau of Corrections	History File and Monthly downloads

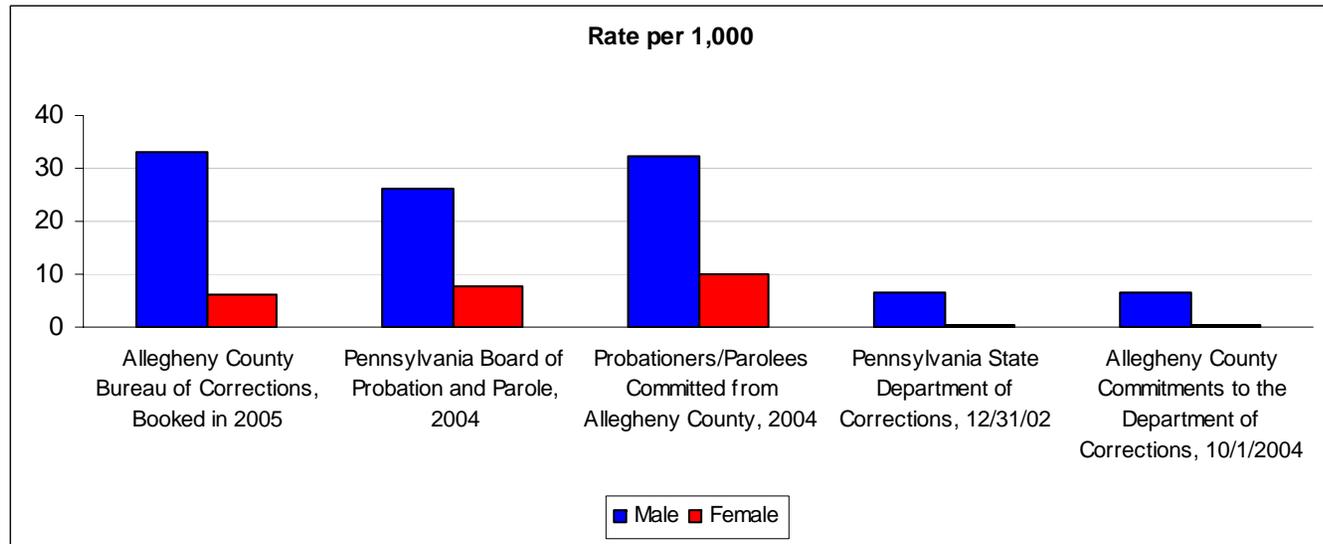
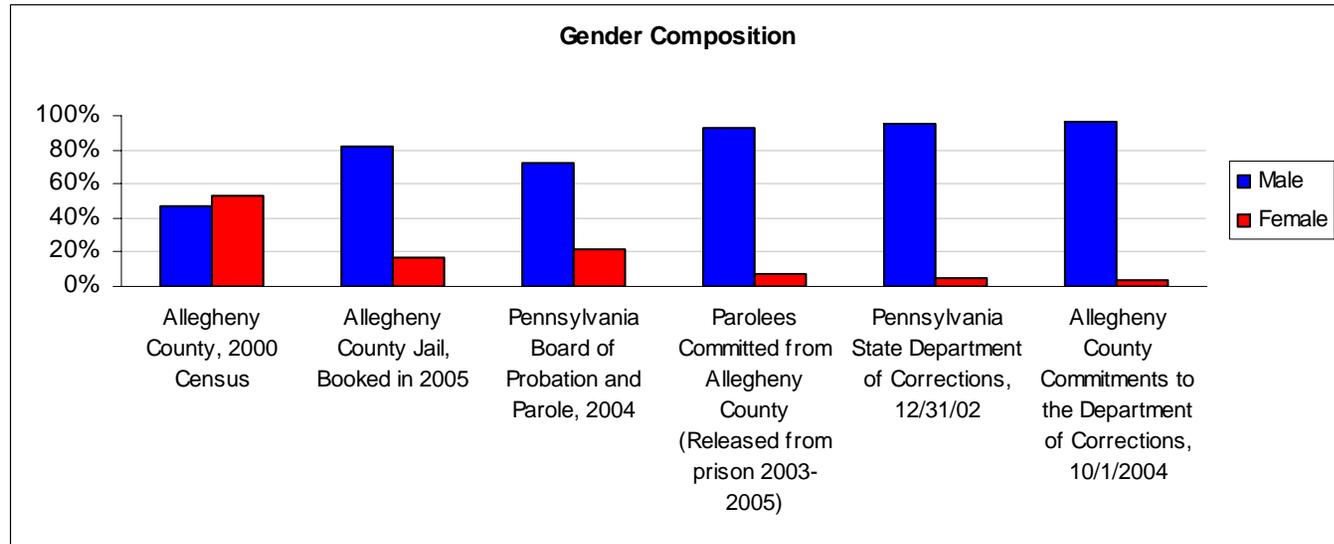


# Who's Returning?

	Female			Corrections Population		
	DOC	Parole	Jail	DOC	Parole	Jail
N	174	177	6992	2,950	2,520	38,666
<b>Gender</b>						
Female	100%	100%	100%	6%	7%	18%
Male	0%	0%	0%	94%	93%	82%
<b>Race</b>						
Black	64%	47%	44%	69%	61%	44%
White	34%	51%	54%	30%	37%	51%
Other	2%	2%	2%	1%	1%	4%
<b>Age</b>						
under 18	0%	0%	0%	0%	0%	1%
18-24	25%	8%	3%	11%	15%	28%
25-34	29%	42%	32%	37%	39%	28%
35-44	31%	31%	46%	29%	26%	25%
45-54	11%	16%	14%	18%	15%	13%
55-64	1%	2%	4%	4%	4%	3%
65+	0%	1%	1%	1%	1%	1%

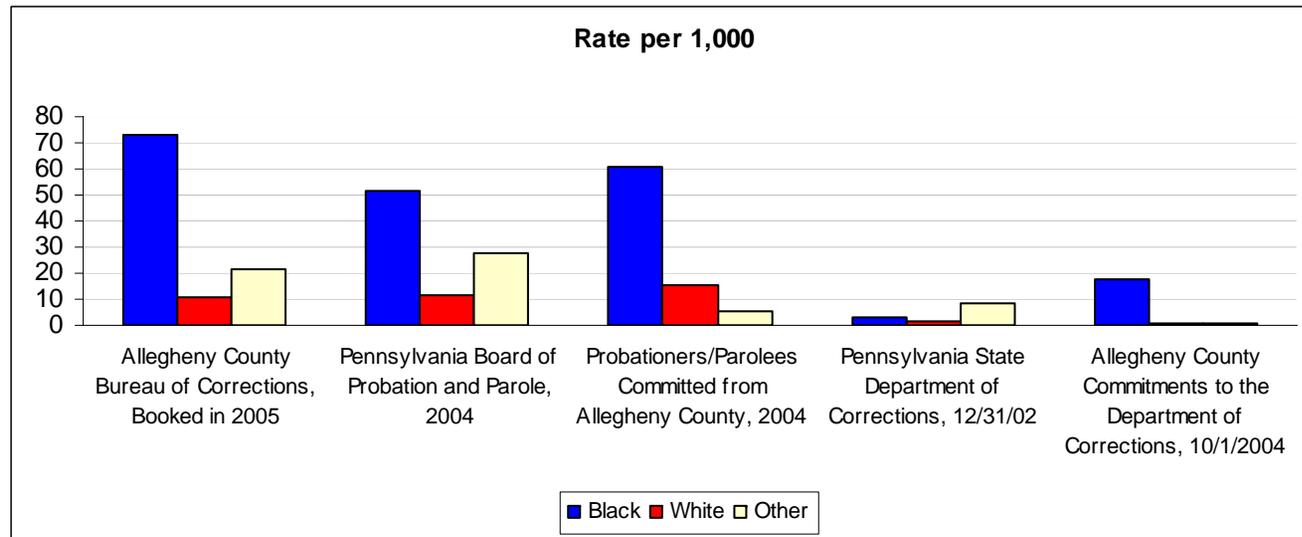
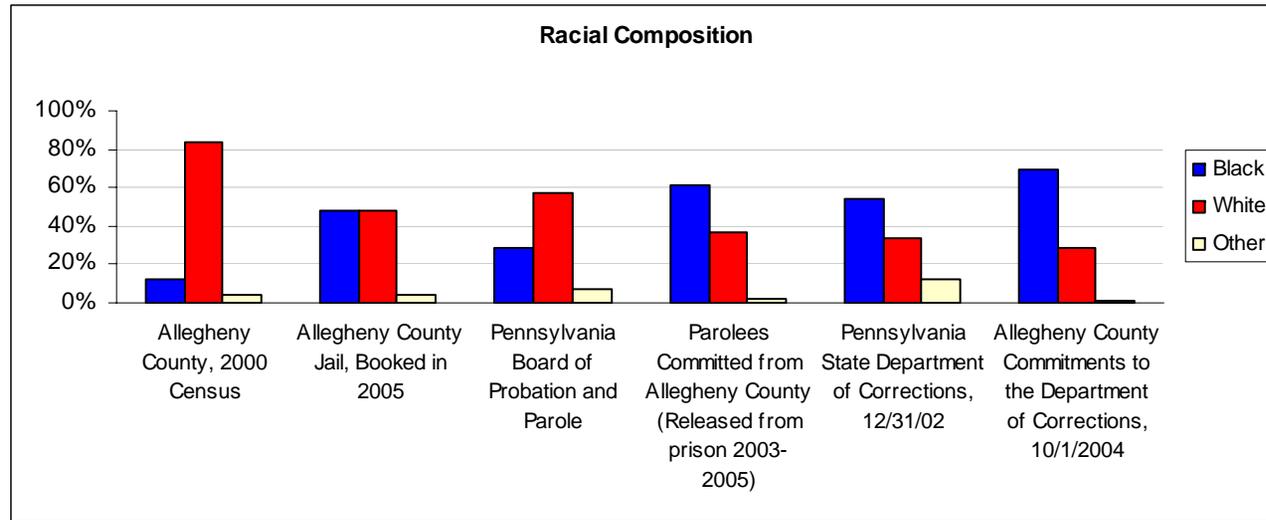


# Gender: Looking at Rate





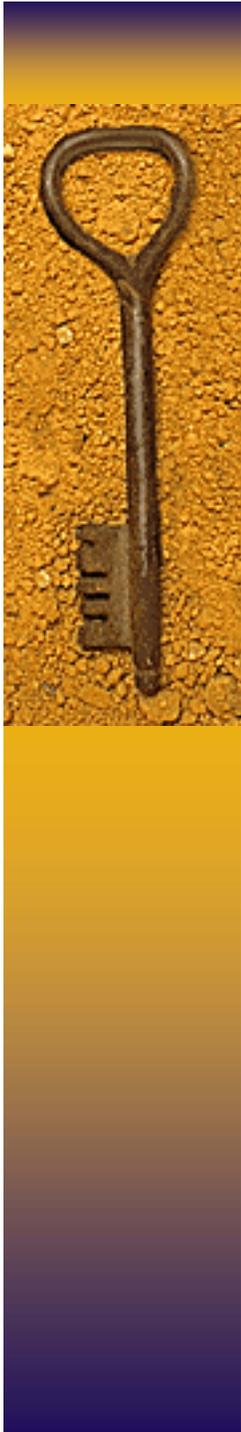
# Race: Looking at Rate



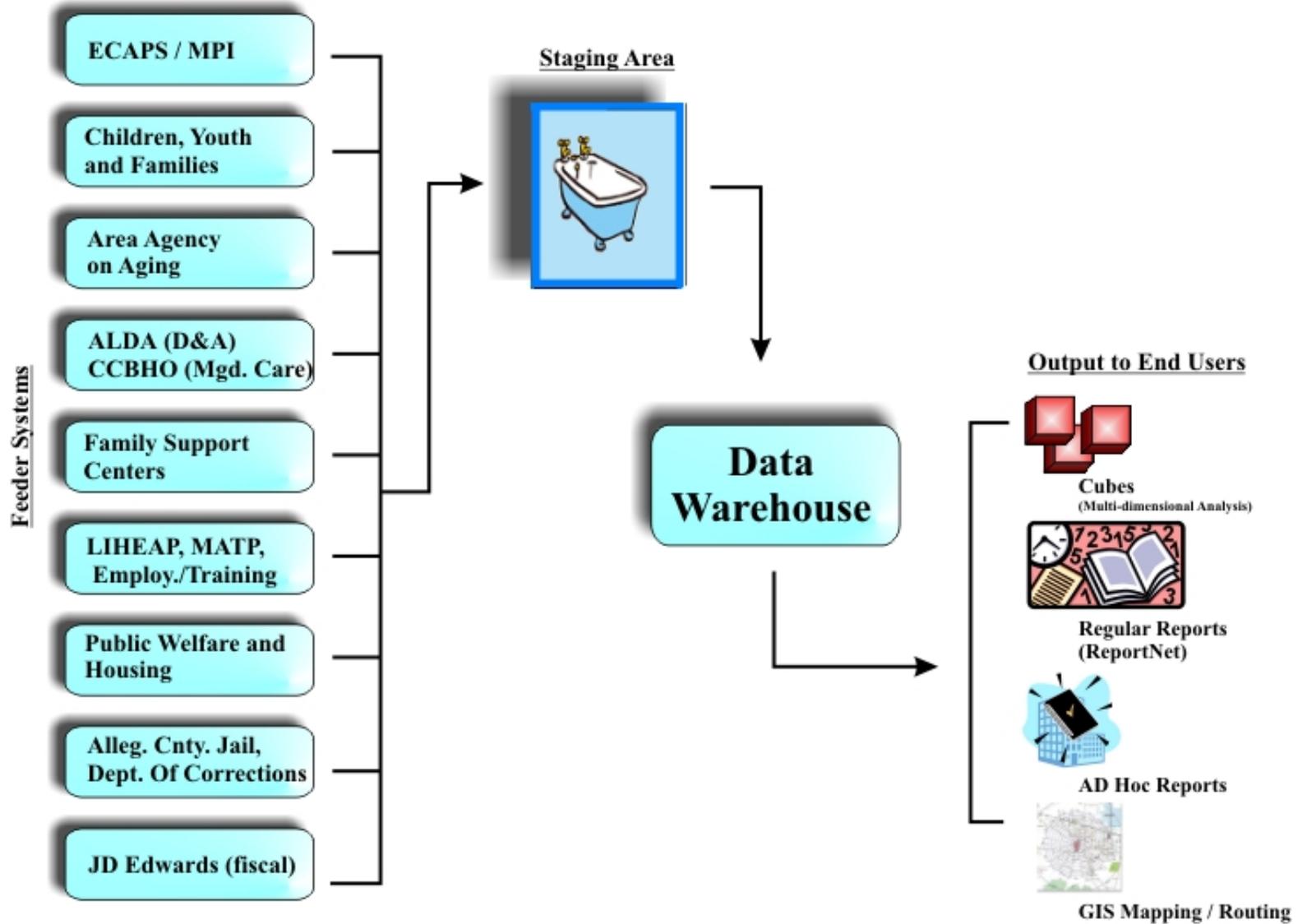


## What Are Their Needs?

- ◆ Substance Abuse
  - 74% of “soon-to-be-released” prisoners have substance abuse problem
- ◆ Mental Illness
  - State prisons: 73% of females and 55% of males;
  - Local jails: 75% of females and 63% of males
- ◆ Employment
  - Less than 1/4 employed.
- ◆ Education
  - 26% did not finish high school; 3% more than high school.
- ◆ Housing
  - 16% of jail inmates were homeless in the year prior to admission.
  - Local: 43 percent were homeless or at risk of being homeless
- ◆ Family
  - 1.5 million children with incarcerated parents
  - 2% of all minor children; 7% African American children



## Allegheny County DHS Information Systems Structure





# Actual Service Use

Connection with Human Services			
	DOC*	Parole	Jail*
Female	89%	64%	64%
Male	64%	58%	43%



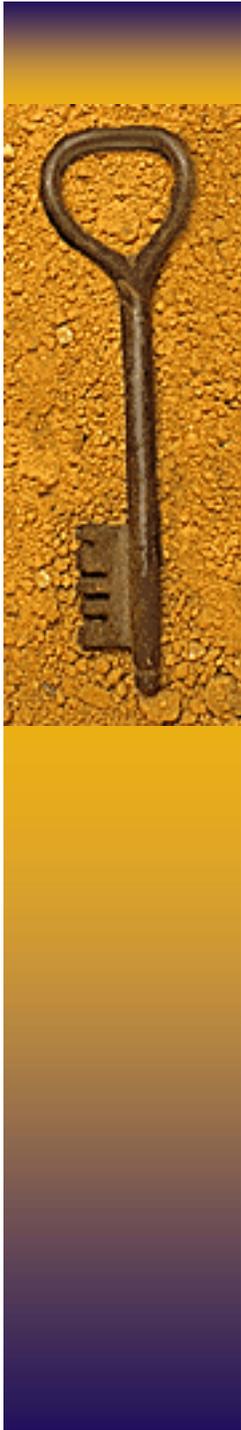
## Drug & Alcohol and Mental Health Services Most Accessed

Type of Service	DOC	Parole	Jail
Drug & Alcohol	27%	31%	19%
Mental Health	42%	35%	21%
Employment & Training	1%	1%	3%
Housing & Homelessness	1%	1%	4%
Housing Authorities	2%	0%	2%
Child Welfare	Analysis Being Conducted		



# Accessing Services

- ◆ Timing: Over 60% access within three months
- ◆ Race and Gender:
  - Black DOC clients are statistically less likely to access services from DHS than white offenders.
  - Same true for males.
- ◆ Age:
  - Young access drug and alcohol services and older access mental health services
- ◆ Mental Health:
  - 42 percent accessing mental health services had *no* mental health diagnosis.
  - 87 percent of offenders with serious mental health diagnoses received mental health services.
- ◆ Drug and Alcohol:
  - 52 percent of offenders accessing drug and alcohol services had a drug screen score of zero
  - 77 percent with a serious drug and alcohol score access drug & alcohol services.
- ◆ Type of Release
  - DOC clients who max-out are statistically less likely to access DHS services.
  - Re-parolees (those who have failed on parole at least once) are statistically more likely to access DHS services.



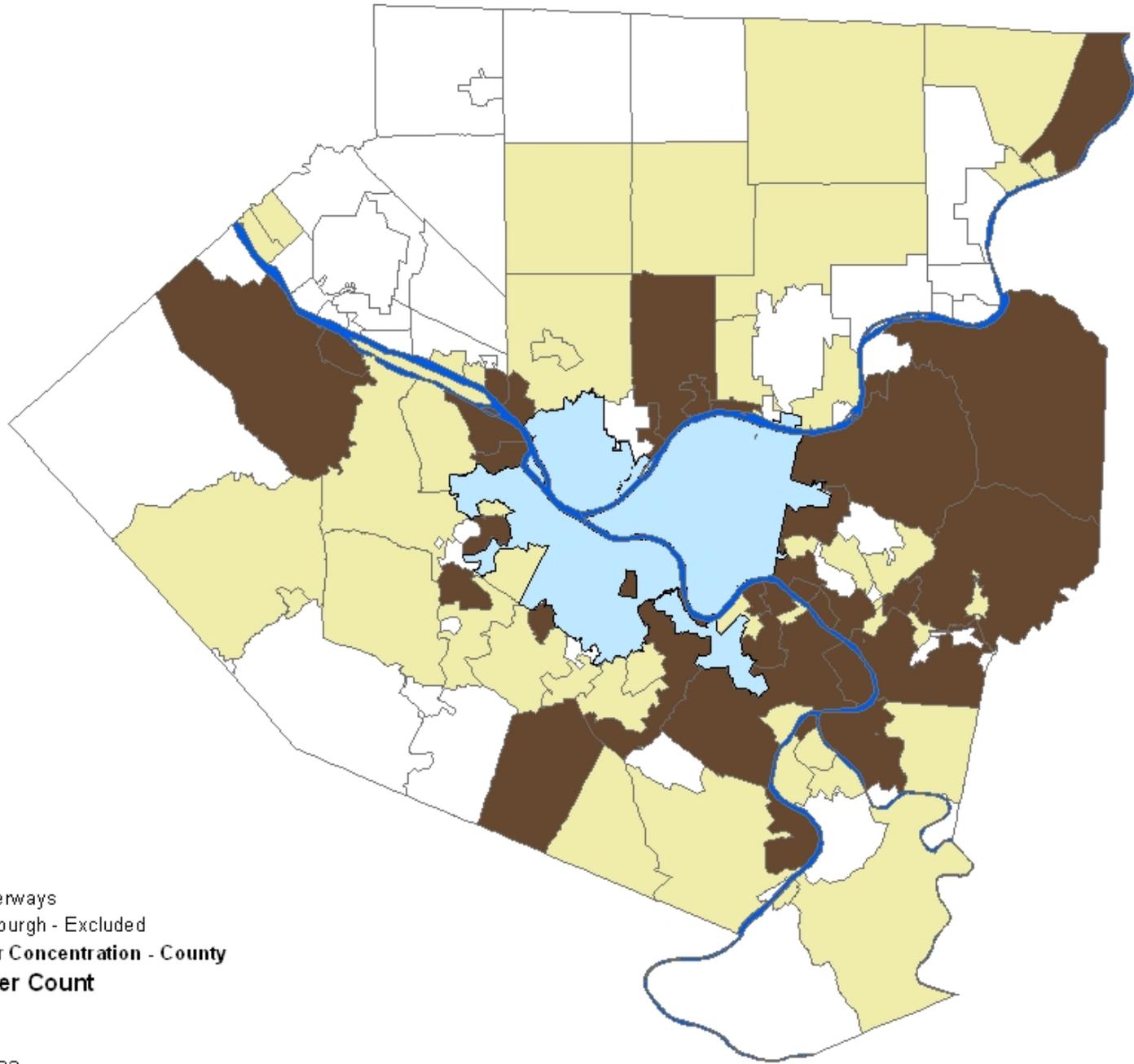
## Where Do They Return?

- ◆ Nationally: 5 states = 50%
- ◆ State: Philadelphia, Dauphin, and Allegheny Co. committed 45% of prisoners.
- ◆ Allegheny County: 57% have last known addresses in the “core city” of Pittsburgh.
  - 25% return to under 4% of all Allegheny County municipalities and neighborhoods.

# Geo-coding Results

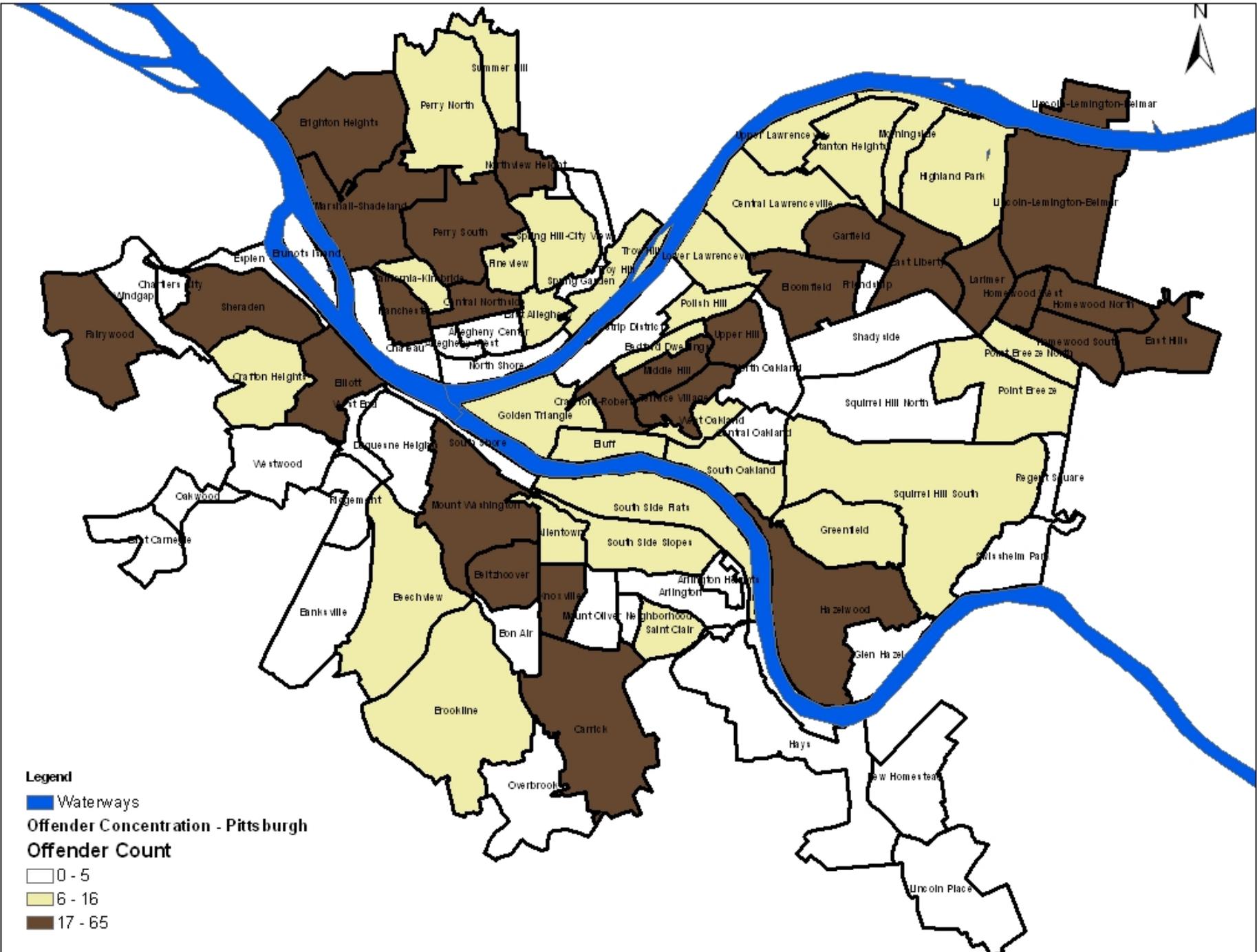


	DOC (address at intake, serving on 9/2004)	Parole (address at release 2003-2005)	Jail (address at intake, 2005)
Number	3,268	2,626	8,926
Deaths	52	-	-
No Address	-	-	3,333
Institutional	1,362	591	800
Outside County	231	231	582
Of those	1,623	2,045	4,211
Match	85%	93%	89%
Unmatched	15%	7%	11%



**Legend**

-  Waterways
-  Pittsburgh - Excluded
- Offender Concentration - County**
- Offender Count**
-  0 - 1
-  2 - 6
-  7 - 122



Map showing Offender Concentration - Pittsburgh by neighborhood. The map is color-coded by offender count:

- White: 0 - 5
- Yellow: 6 - 16
- Brown: 17 - 65

Waterways are shown in blue. A north arrow is located in the top right corner.

Neighborhoods labeled on the map include: Summer Hill, Perry North, North View Heights, Brighton Heights, Marshall-Shadeland, Upper Lawrence, Morningview, Stanton Heights, Highland Park, Upper-Lamington-Belmar, Perry South, Spring Hill-City View, Troy Hill, Lower Lawrenceville, Garfield, East Liberty, Upper-Lamington-Belmar, Epler, Bonoti Island, Allegheny Center, Central Northside, Central Allegheny, Spring Garden, Toy Hill, Bloomfield, Friendship, Larimer, Homewood East, Homewood North, East Hills, Charlestown City, Windgap, Sheraden, Allegheny Center, North Shore, Middle Hill, Fifth Oakland, Shady Side, Homewood South, Point Breeze North, Point Breeze, Patrywood, Craigholm Heights, Billott, West End, Duquesne Heights, South Shore, Burr, Upper Hill, Squirrel Hill North, Squirrel Hill South, Regent Square, Westwood, Oakwood, Ridgmont, Mount Washington, South Side Flats, South Side Slopes, Greenfield, Squirrel Hill South, Hillschelm Park, East Carnegie, Beechview, Biltzhoover, Ingotville, Mount Oliver Neighborhood, Arlington Heights, Arlington, Saint Clair, Hazelwood, Glen Hazel, Brookline, Carrick, Overbrook, Hays, New Homestead, and Lincoln Place.

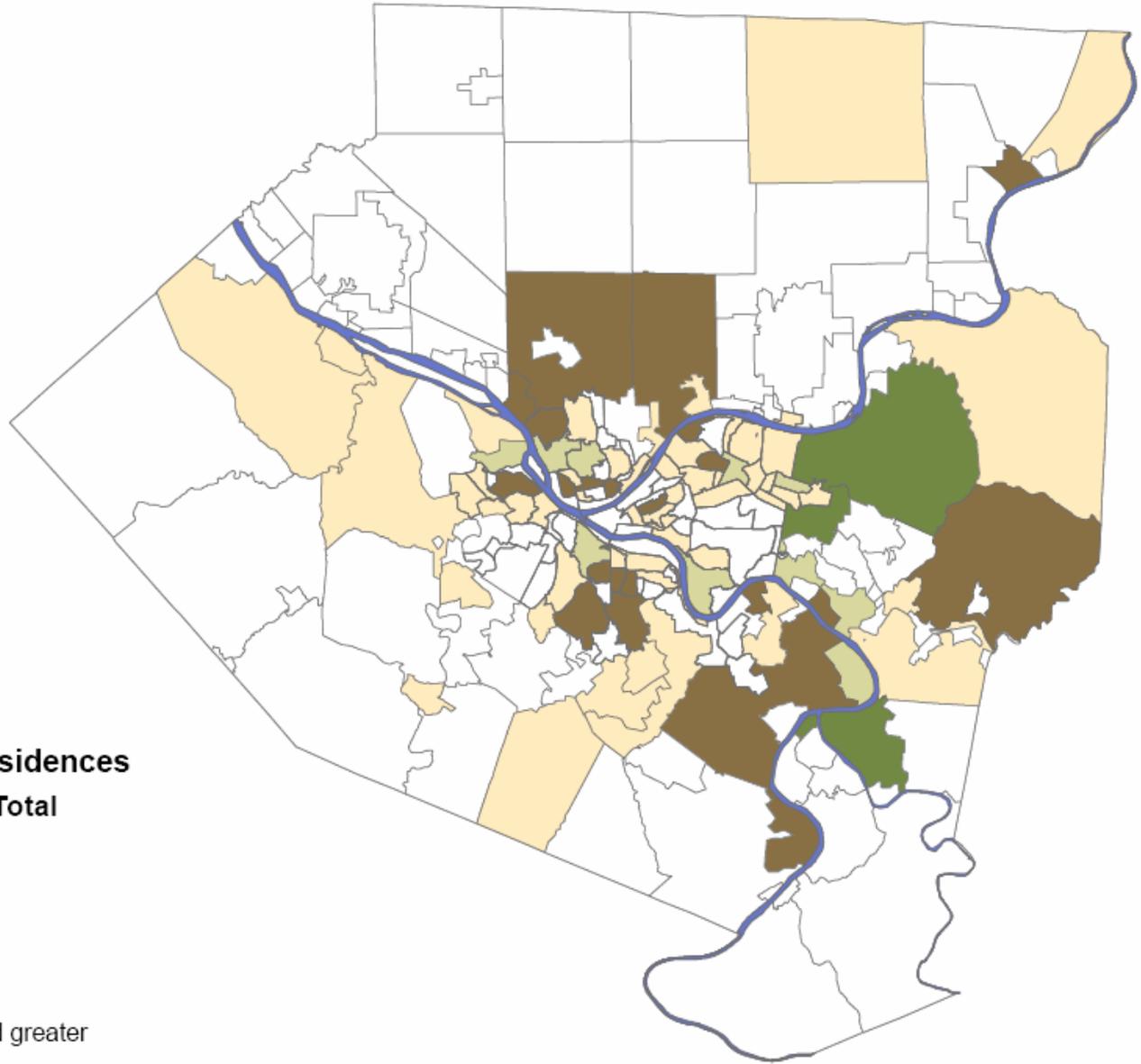
**Parole Data 2003 thru 2005  
Allegheny County, PA**

**Legend**

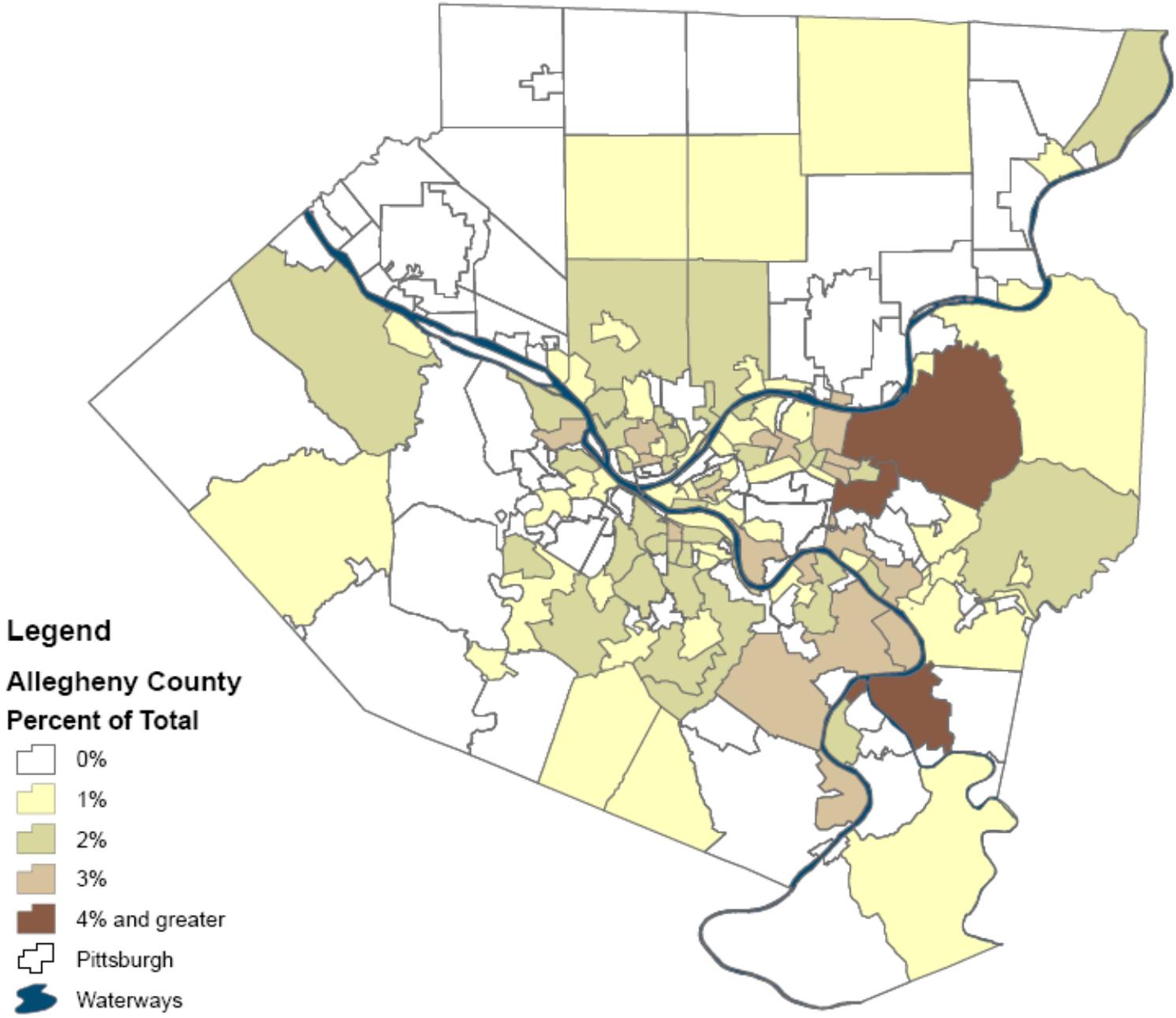
**County Residences**

**Percent of Total**

-  0%
-  1%
-  2%
-  3%
-  4% and greater
-  Waterways
-  PittsburghCityNeigh



**Jail Data: Offenders Serving Seven Days or More**  
**Year 2005**  
**Allegheny County, PA**



# Cross-Systems: Number



Department of Corrections		Parole		Jail - 7 Days or More	
Number of Offenders		Number of Offenders		Number of Offenders	
Community	Count	Community	Count	Community	Count
WILKINSBURG	6%	WILKINSBURG	4%	MCKEESPORT	5%
MCKEESPORT	6%	MCKEESPORT	4%	WILKINSBURG	4%
PENN HILLS	4%	PENN HILLS	3%	PENN HILLS	3%
PERRY SOUTH	2%	MARSHALL-SHADELAND	2%	CLAIRTON	2%
DUQUESNE	2%	DUQUESNE	2%	GARFIELD	2%
LINCOLN-LEMINGTON-BELMAR	2%	MCKEES ROCKS	2%	EAST LIBERTY	2%
HOMEWOOD NORTH	2%	PERRY SOUTH	2%	MCKEES ROCKS	2%
HAZELWOOD	2%	NORTH BRADDOCK	2%	DUQUESNE	2%
MIDDLE HILL	2%	SWISSVALE	2%	HAZELWOOD	2%
CLAIRTON	2%	MOUNT WASHINGTON	2%	HOMEWOOD NORTH	1%
GARFIELD	2%	EAST LIBERTY	2%	CENTRAL NORTHSIDE	1%
NORTH BRADDOCK	2%	HAZELWOOD	2%	HOMEWOOD SOUTH	1%
EAST LIBERTY	2%	HOMEWOOD NORTH	2%	PERRY SOUTH	1%
HOMESTEAD	1%	EAST ALLEGHENY	1%	NORTH BRADDOCK	1%
MANCHESTER	1%	KNOXVILLE	1%	WEST MIFFLIN	1%
HOMEWOOD SOUTH	1%	CLAIRTON	1%	SWISSVALE	1%
BELTZHOVER	1%	CARRICK	1%	HOMESTEAD	1%
BROOKLINE	1%	GARFIELD	1%	ALLENTOWN	1%
MARSHALL-SHADELAND	1%	SHERADEN	1%	TERRACE VILLAGE	1%
EAST HILLS	1%	HOMESTEAD	1%	LINCOLN-LEMINGTON-BELMAR	1%

# Cross Systems: Rate



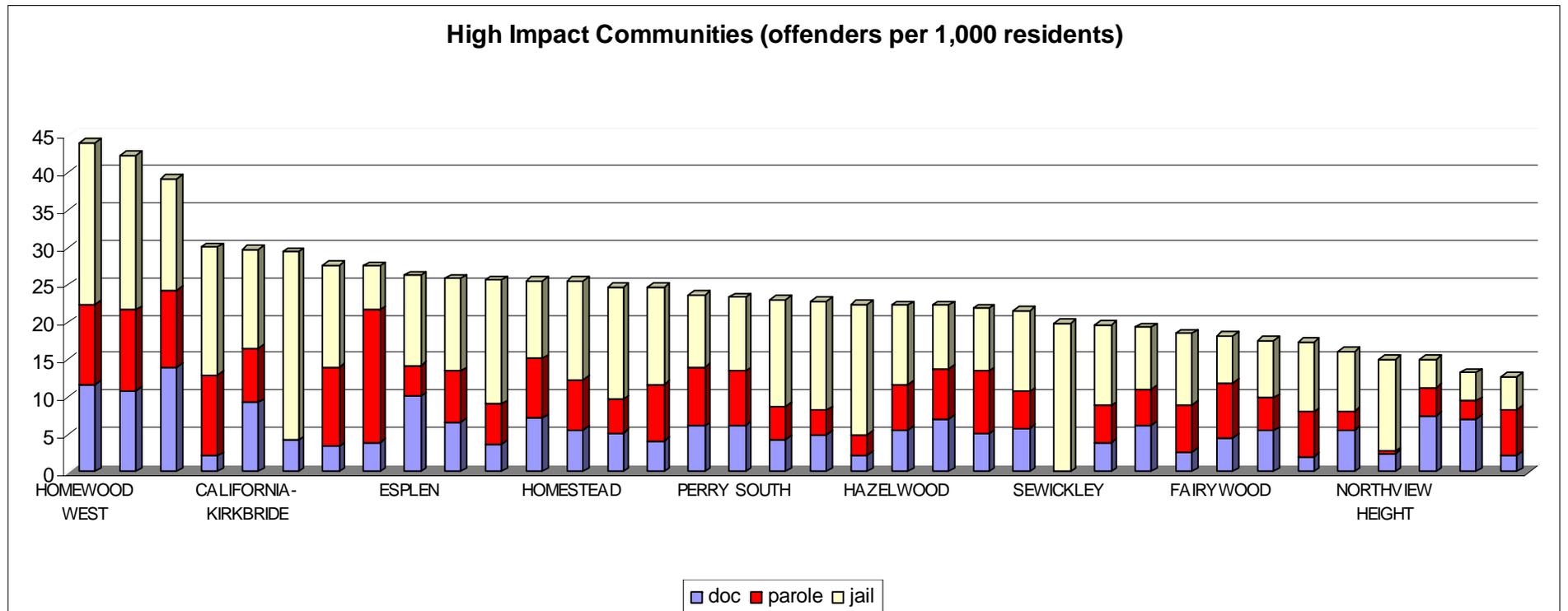
Department of Corrections		Parole		Jail - 7 Days or More	
Rate (per 1,000)		Rate (per 1,000)		Rate (per 1,000)	
Community	Rate	Community	Rate	Community	Rate
MIDDLE HILL	14.0	ALLEGHENY WEST	17.7	ARLINGTON HEIGHTS	25.2
HOMEWOOD WEST	11.7	HOMEWOOD WEST	10.8	HOMEWOOD WEST	21.5
WILKINSBURG	10.9	WILKINSBURG	10.8	WILKINSBURG	20.7
ESPLEN	10.1	WEST END	10.7	SEWICKLEY	19.9
CALIFORNIA-KIRKBRIDE	9.2	EAST ALLEGHENY	10.6	TERRACE VILLAGE	17.5
STRIP DISTRICT	7.5	MIDDLE HILL	10.3	WEST END	17.2
MANCHESTER	7.2	CHARTIERS CITY	8.4	CENTRAL NORTHSIDE	16.6
UPPER HILL	7.1	MANCHESTER	8.0	GARFIELD	15.0
BEDFORD DWELLINGS	7.1	BELTZHOOVER	7.9	MIDDLE HILL	14.9
HOMEWOOD NORTH	6.6	BRADDOCK	7.6	HOMEWOOD SOUTH	14.5
PERRY SOUTH	6.3	FAIRYWOOD	7.3	ALLENTOWN	14.3
WEST OAKLAND	6.2	PERRY SOUTH	7.2	EAST ALLEGHENY	13.7
BELTZHOOVER	6.1	CALIFORNIA-KIRKBRIDE	7.2	CALIFORNIA-KIRKBRIDE	13.4
LARIMER	5.8	HOMEWOOD NORTH	6.9	HOMESTEAD	13.2
HAZELWOOD	5.6	HOMESTEAD	6.7	BRADDOCK	13.0
HOMESTEAD	5.6	UPPER HILL	6.7	HOMEWOOD NORTH	12.4
LINCOLN-LEMINGTON-BELMAR	5.6	KNOXVILLE	6.3	NORTHVIEW HEIGHT	12.3
CRAWFORD-ROBERTS	5.5	MARSHALL-SHADELAND	6.0	ESPLEN	12.1
GARFIELD	5.1	MCKEES ROCKS	6.0	EAST LIBERTY	10.8
CHARTIERS CITY	5.0	HAZELWOOD	6.0	LARIMER	10.8

# Cross Systems: Density



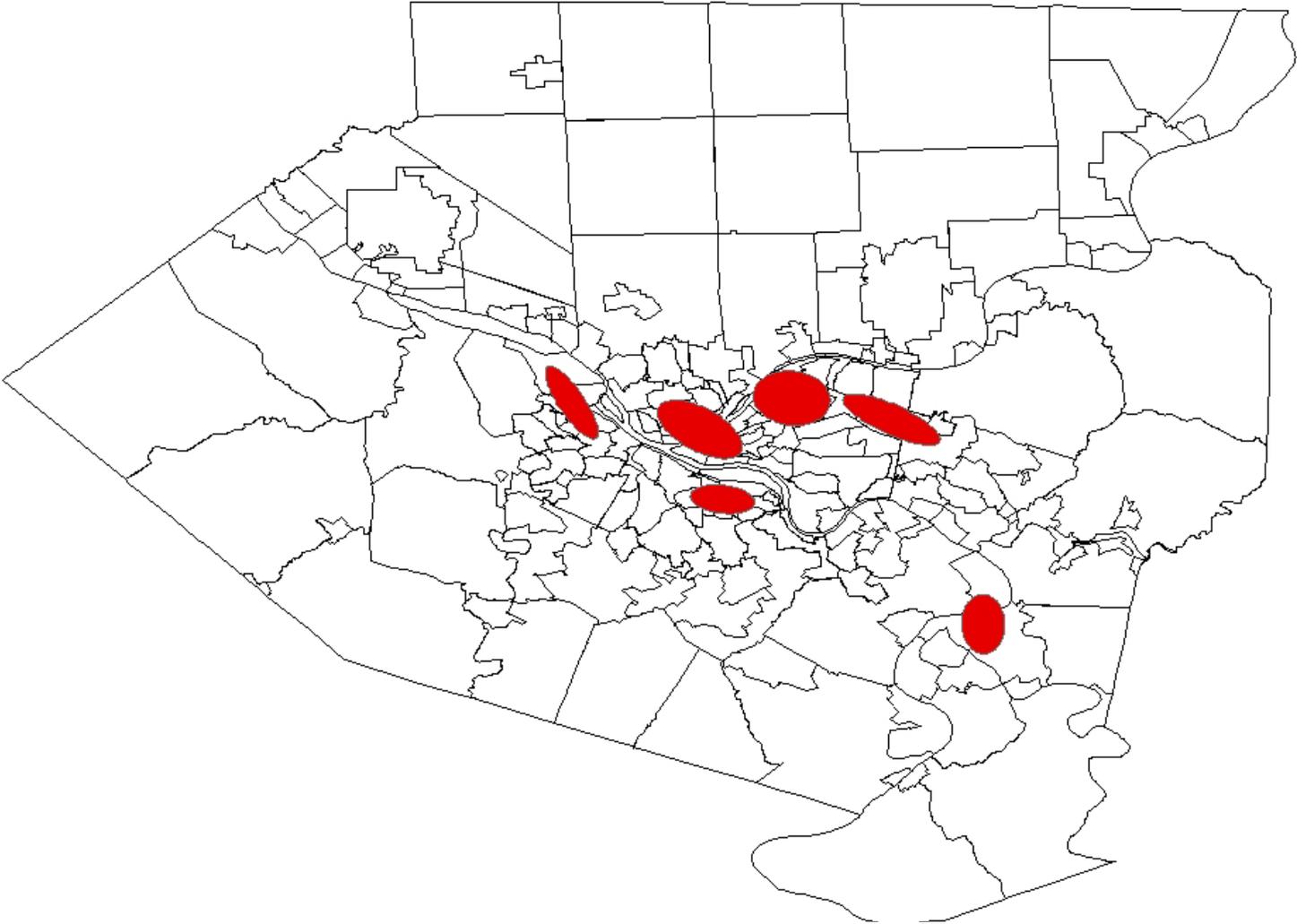
Department of Corrections		Parole		Jail - 7 Days or More	
Density (per square mile)		Density (per square mile)		Density (per square mile)	
Community		Community		Community	
MIDDLE HILL	97	EAST ALLEGHENY	117	CENTRAL NORTHSIDE	204
BEDFORD DWELLINGS	83	KNOXVILLE	93	GARFIELD	178
HOMEWOOD NORTH	70	ALLEGHENY WEST	75	ALLENTOWN	159
HOMEWOOD WEST	68	HOMEWOOD NORTH	72	EAST ALLEGHENY	150
MANCHESTER	64	MANCHESTER	71	KNOXVILLE	140
WEST OAKLAND	64	MIDDLE HILL	71	HOMEWOOD SOUTH	136
GARFIELD	61	MOUNT OLIVER BORO	68	TERRACE VILLAGE	135
CRAWFORD-ROBERTS	60	CENTRAL NORTHSIDE	65	HOMEWOOD NORTH	130
UPPER HILL	52	FRIENDSHIP	64	EAST LIBERTY	128
ALLENTOWN	48	HOMEWOOD WEST	63	HOMEWOOD WEST	126
EAST LIBERTY	47	EAST LIBERTY	59	MIDDLE HILL	103
CENTRAL NORTHSIDE	46	GARFIELD	54	NORTHVIEW HEIGHT	100
HOMEWOOD SOUTH	46	BELTZHOOVER	52	BLUFF	97
CALIFORNIA-KIRKBRIDE	41	WEST OAKLAND	50	MANCHESTER	93
BELTZHOOVER	40	UPPER HILL	48	WEST OAKLAND	86
KNOXVILLE	40	ALLENTOWN	48	MOUNT OLIVER BORO	85
EAST ALLEGHENY	38	CRAWFORD-ROBERTS	48	CRAWFORD-ROBERTS	84
BLUFF	36	UPPER LAWRENCEVILLE	41	UPPER LAWRENCEVILLE	76
PERRY SOUTH	36	PERRY SOUTH	41	HOMESTEAD	72
WILKINSBURG	36	MARSHALL-SHADELAND	41	WILKINSBURG	68

# Offenders per 1,000 persons

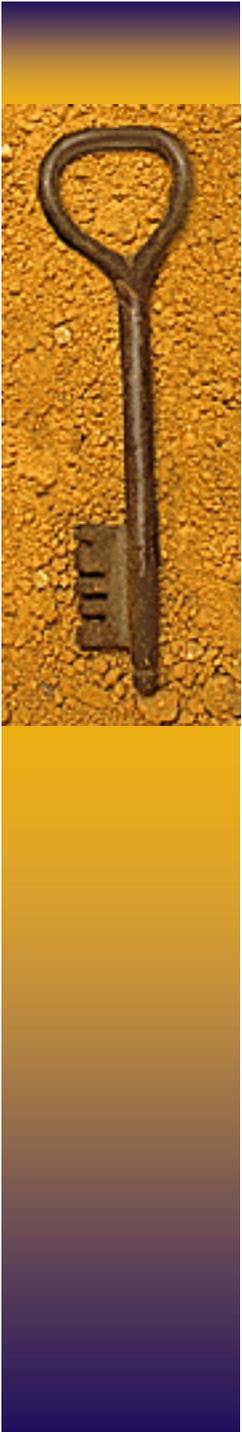




# Other Ways of Thinking About Location: Cluster Mapping

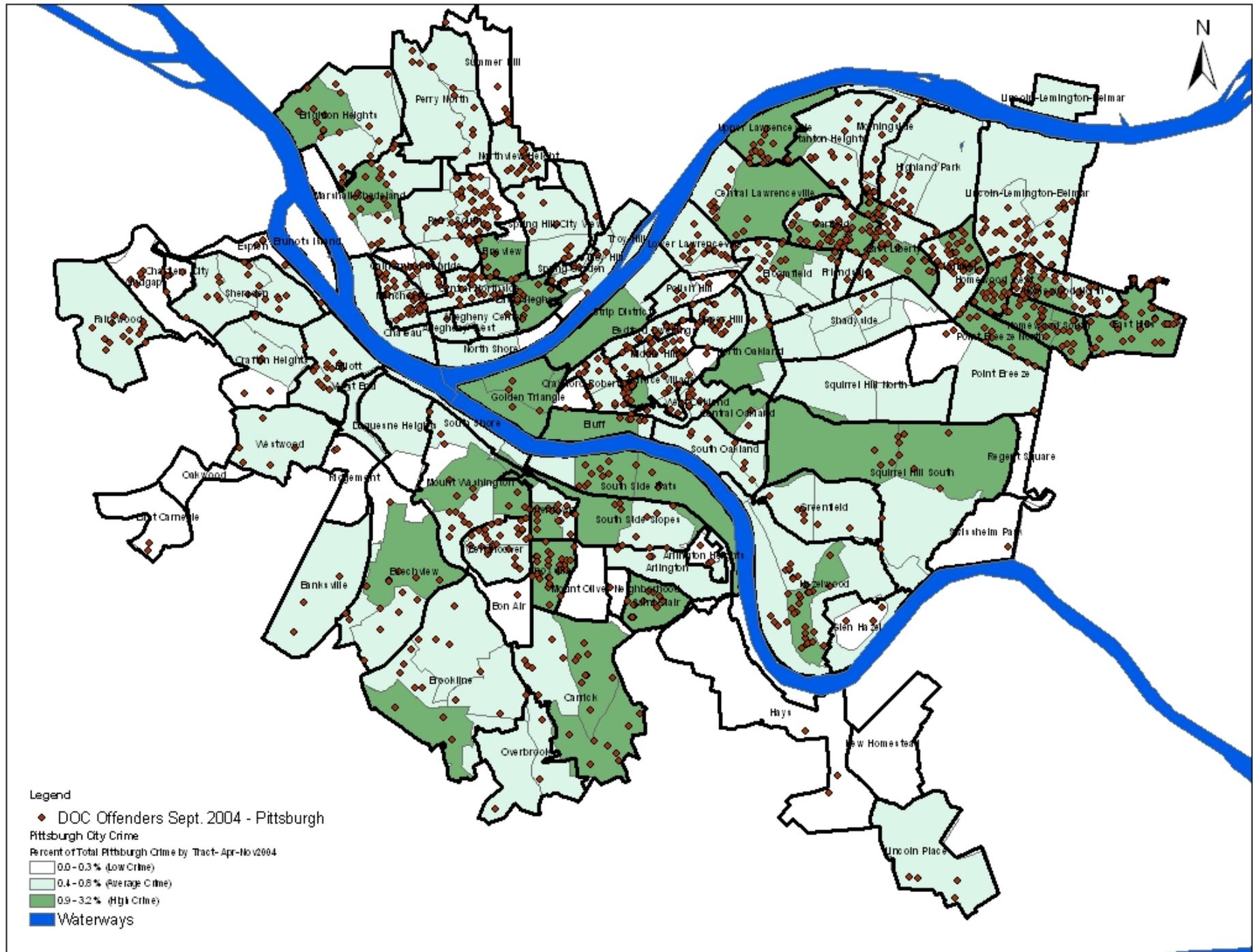




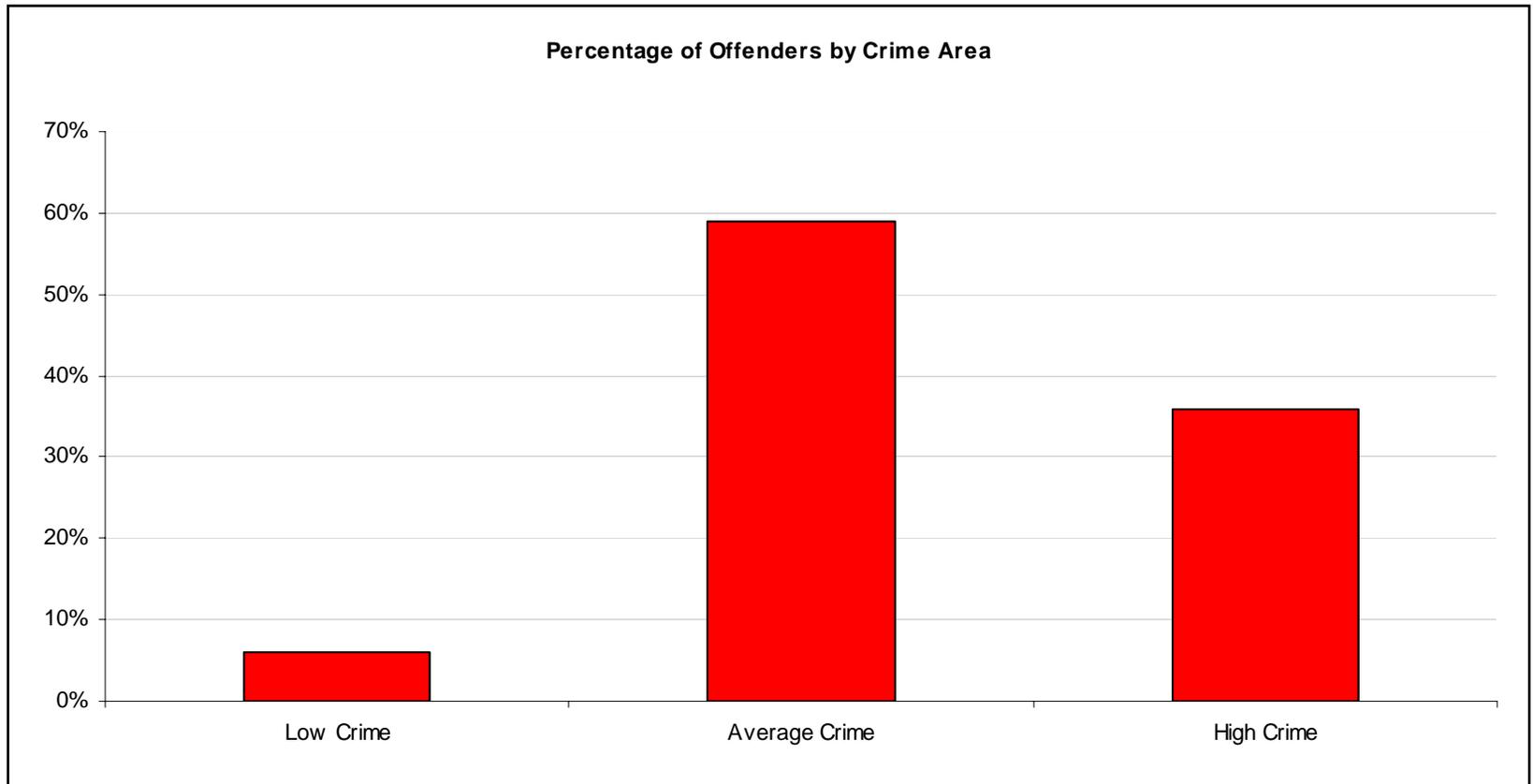


# Offenders Come From Disadvantaged Communities

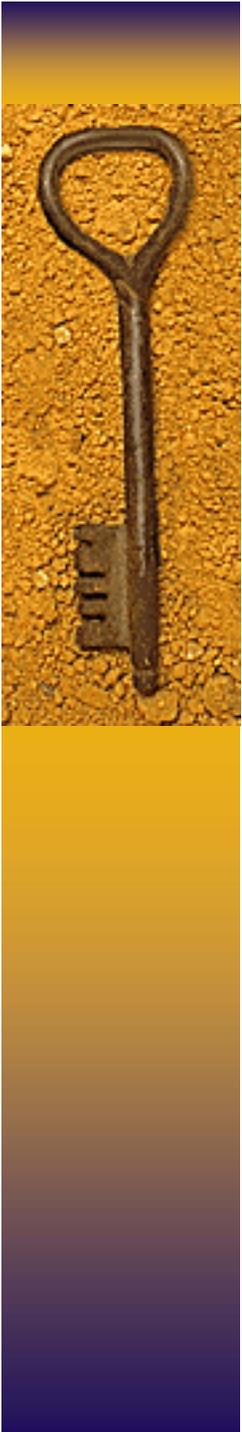
Average Per Capita Income	# of communities in income level	% of communities in income level	# of Returning Offenders	% of Returning Offenders
<185% of poverty	8	4%	83	4%
186% - 300%	25	12%	631	29%
301%-400%	52	24%	800	36%
401% to \$25,000	76	35%	567	26%
>\$25,000	54	25%	125	6%



# Offenders Come From Average & High Crime Communities







## Services Appear to be Where they Need to Be

	Drug & Alcohol Treatment		Employment & Training Centers		Mental Health Services	
Low Concentration of Offenders	9	17%	13	10%	52	17%
Average Concentration of Offenders	13	25%	62	46%	109	36%
High Concentration of Offenders	31	58%	60	44%	141	47%

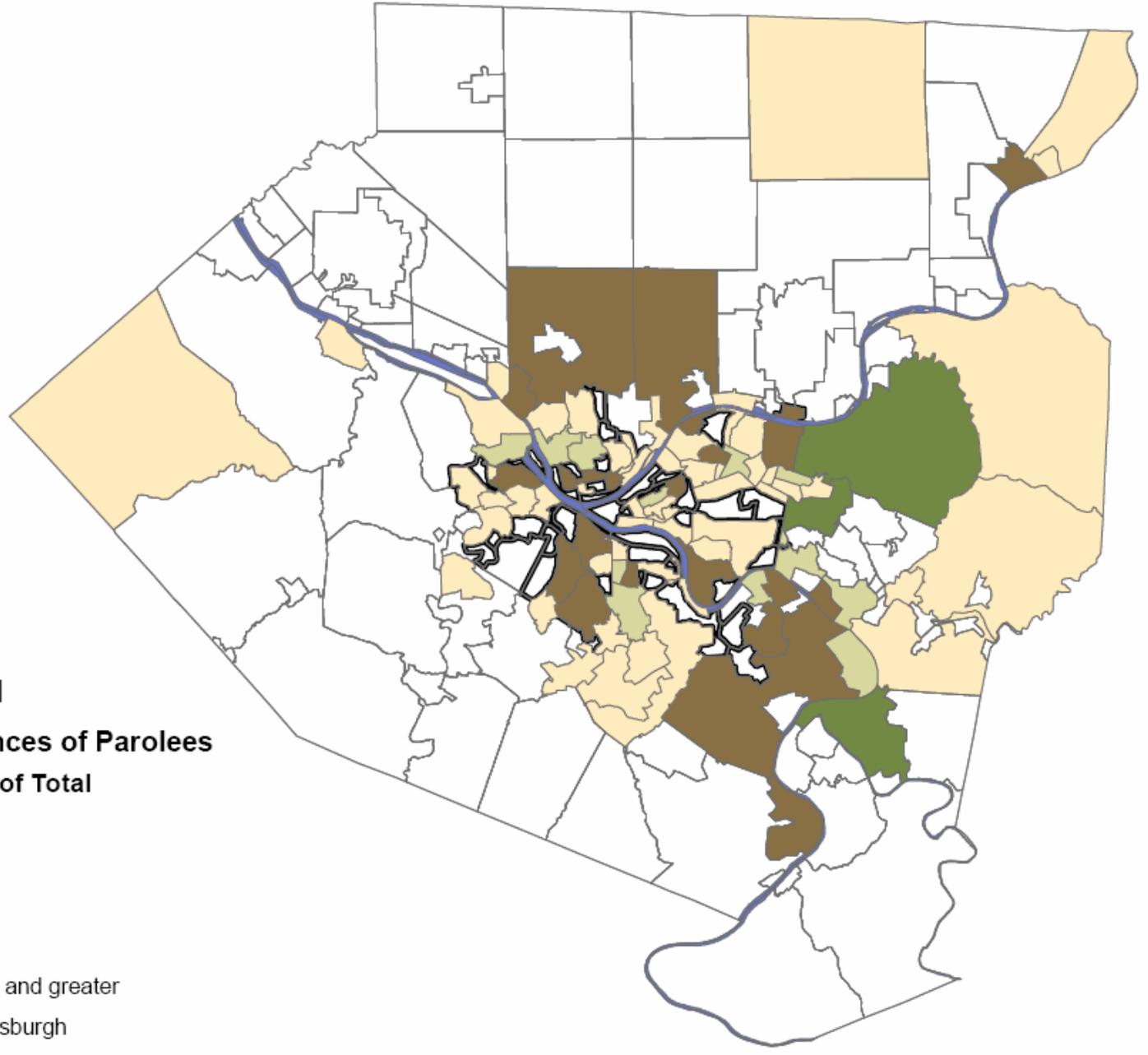
**Parole Data: Residence of Parolees who Received Services  
2003 thru 2006  
Allegheny County, PA**

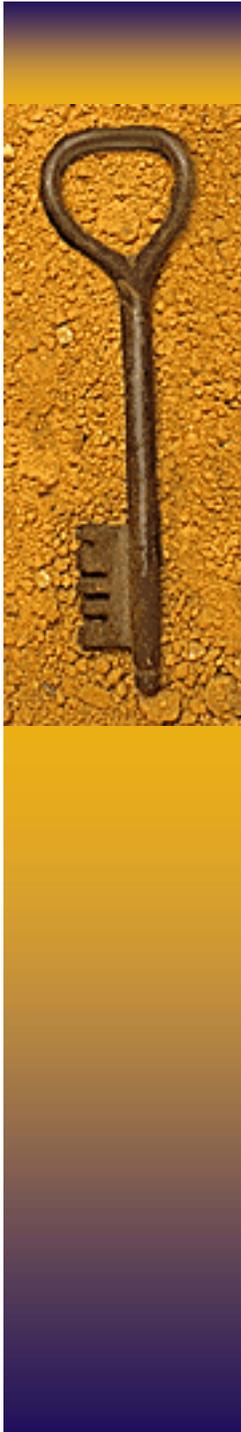
**Legend**

**Residences of Parolees**

**Percent of Total**

-  0%
-  1%
-  2%
-  3%
-  4% and greater
-  Pittsburgh
-  Waterways





# Well- and Under-Served Communities

Average across neighborhoods: 72% served

## Well Served & “Relevant”

85% - 92% Served

- ◆ Mount Washington
- ◆ Homewood West
- ◆ California-Kirkbride
- ◆ Elliott
- ◆ Highland Park
- ◆ Homestead
- ◆ East Liberty
- ◆ Brookline

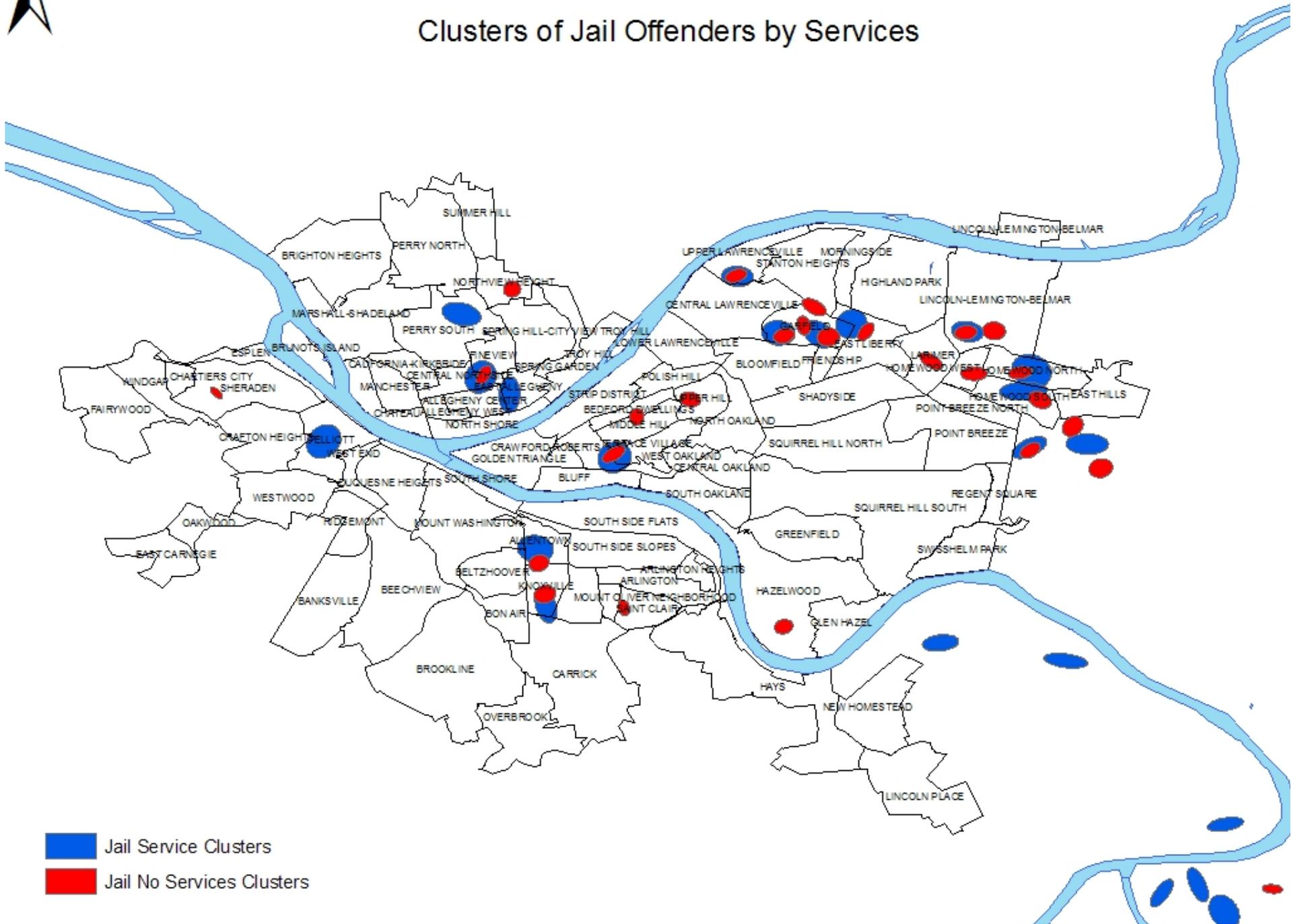
## Under-Served & “Relevant”

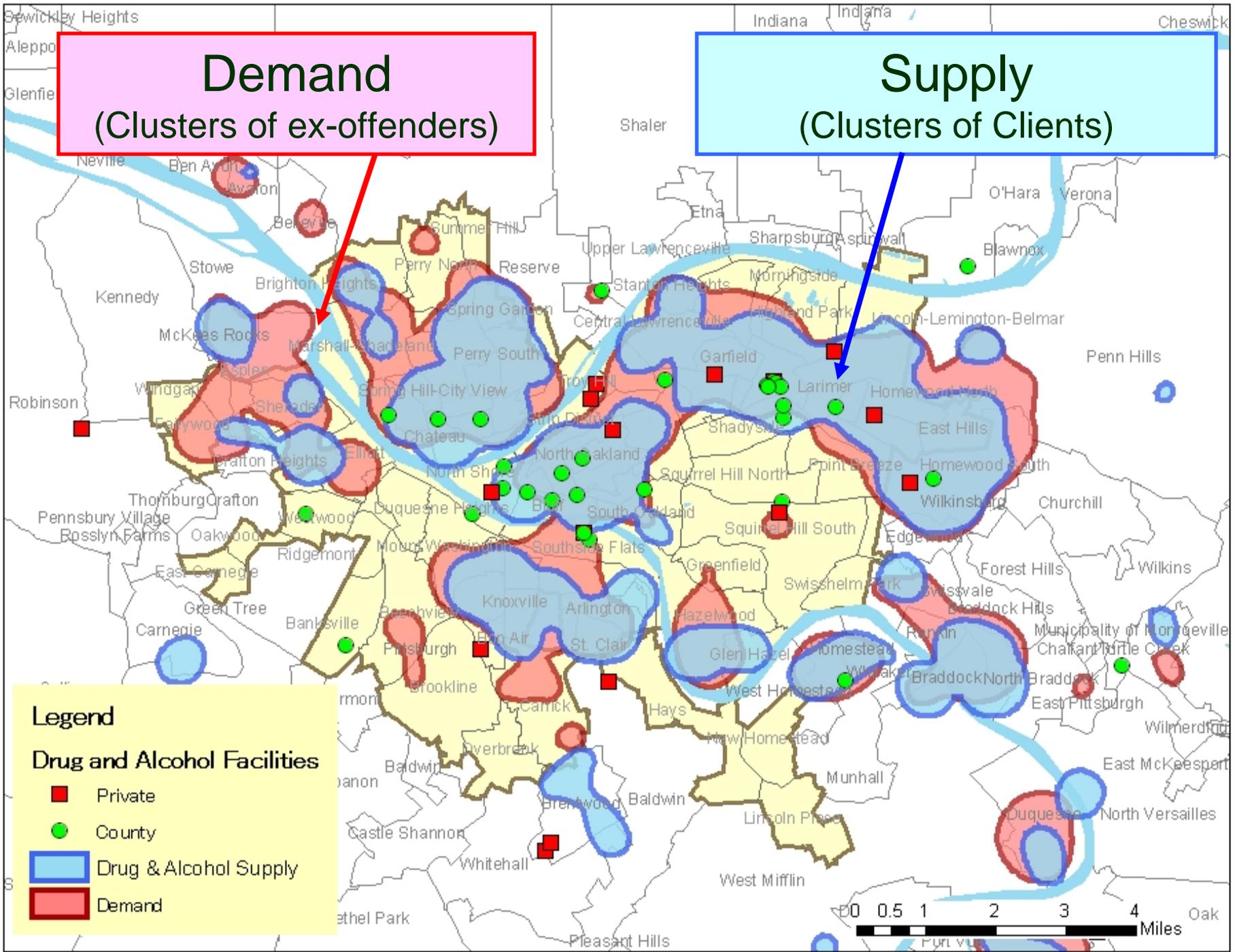
56% - 69% Un-served

- ◆ Hazelwood
- ◆ North Braddock
- ◆ Larimer
- ◆ Penn Hills
- ◆ Upper Lawrenceville
- ◆ Monroeville
- ◆ Scott
- ◆ Beltzhoover
- ◆ Garfield
- ◆ Shaler
- ◆ Marshall-Shadeland
- ◆ Homewood North
- ◆ Middle Hill
- ◆ Central Northside



# Clusters of Jail Offenders by Services





**Demand**  
(Clusters of ex-offenders)

**Supply**  
(Clusters of Clients)

**Legend**

**Drug and Alcohol Facilities**

- Private
- County
- Drug & Alcohol Supply
- Demand



# Are Addresses Reliable?

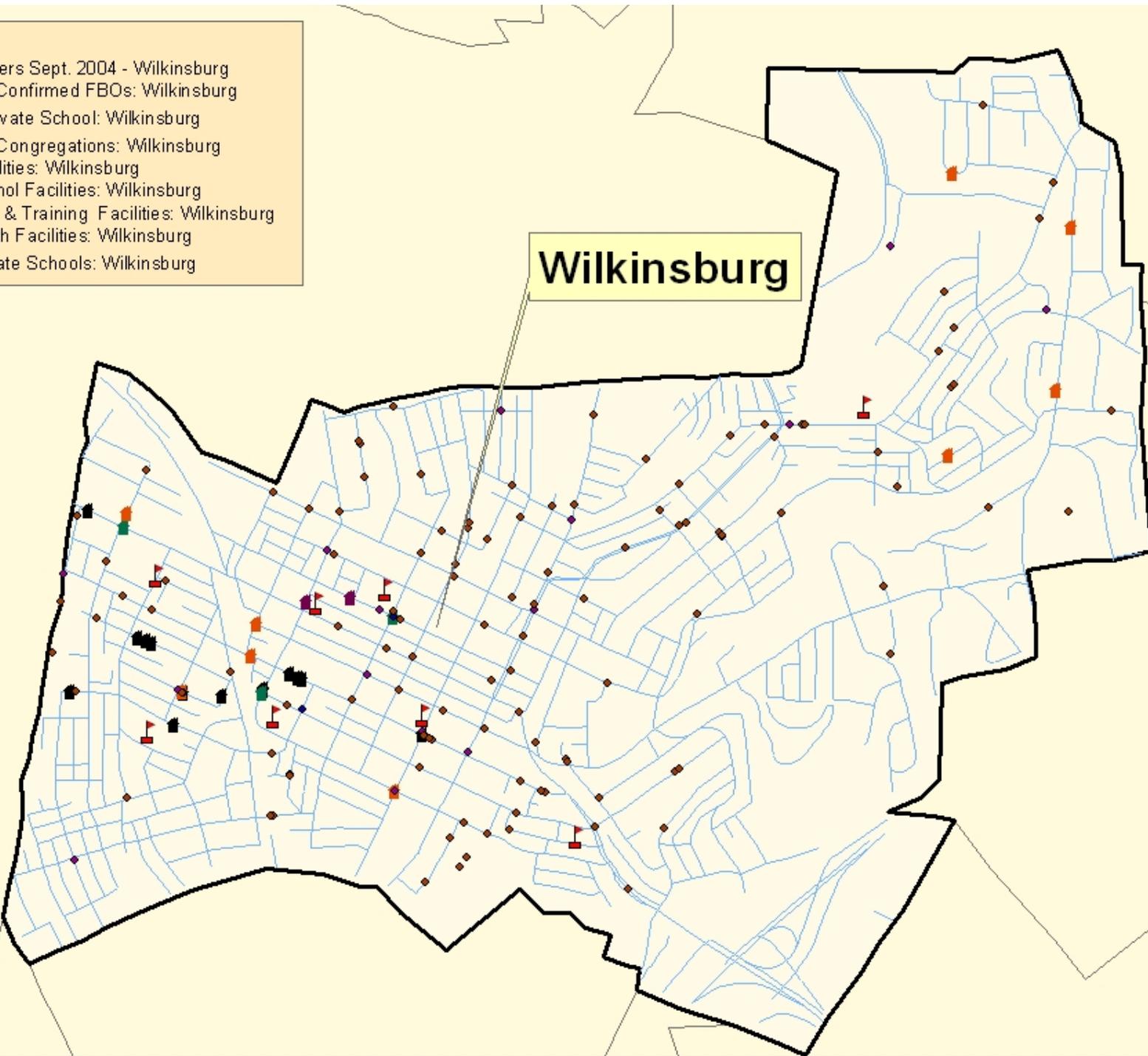
- ◆ Valid addresses for both DOC and Parole reviewed  
N=511
  - 4% (20 of 511) returned to the same address
  - 25% (126 of 511) returned to the same neighborhood
- ◆ Evaluation of the Jail Collaborative, Hide Yamatani, University of Pittsburgh
  - Addresses (neighborhood) before release and addresses 30 days after release N=322
  - 66% (213 of 322) returned to a different neighborhood

	DOC/Parole	Jail
Low to High	17.8%	2.8%
Low to Low	47.9%	74.8%
High to High	14.7%	11.2%
High to Low	19.6%	11.2%

**Legend**

- ◆ DOC Offenders Sept. 2004 - Wilkinsburg
- ◆ HHS List of Confirmed FBOs: Wilkinsburg
- ▤ Licensed Private School: Wilkinsburg
- ◆ HHS Urban Congregations: Wilkinsburg
- ▣ MR-DD Facilities: Wilkinsburg
- ▣ Drug & Alcohol Facilities: Wilkinsburg
- ▣ Employment & Training Facilities: Wilkinsburg
- ▣ Mental Health Facilities: Wilkinsburg
- ▤ Public / Private Schools: Wilkinsburg

Wilkinsburg





## Summary

- ◆ Mapping can help inform problem
- ◆ Key is using it to change policy/practice